Info-Hams Digest   Wed, 12 May 93   Volume 93 : Issue 575

Today's Topics:
                Anyone going to Ham com 93 in Dallas?
                          Benefits of CW
             CFV to reorganize this group (2 msgs)
        Daily Solar Geophysical Data Broadcast for 12 May
         Get a Ham Radio License - Study Books for SALE:
                    HR2600 comments and mods
                       Kenwood AT-50 Fuse
              Kits and more Kits (info wanted!!)
             Looking for simple synthesizer design
               Need help on propagation (2 msgs)
              question about Radio Shack 2-MTR HT
                    Still 8 weeks for license
                        vibroplex parts....
           Zed in callsign: what is it, where come from?

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 12 May 1993 22:38:16 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
zaphod.mps.ohio-state.edu!sol.ctr.columbia.edu!news.kei.com!news.oc.com!
gumaer@network.UCSD.EDU
Subject: Anyone going to Ham com 93 in Dallas?
To: info-hams@ucsd.edu

     I was just wondering if anyone is going to Ham-Com in Dallas this
     year?

--

Mark Gumaer (KA5YUV) | Vice-President-Elect Radio East Texas State University
gumaer@merlin.etsu.edu| Editor Radio E.T.S.U. Newsletter
                      |Phone (903) 886-2084 (on weekdays)
                      | (903) 356-2253 (on weekends)
                      |FAX   (903) 886-2084
                      |Ham Radio 146.78 or 147.02 Mhz

AKA: Don Begal in Duelmasters, Jurine DM61
      Goomar in Adventures Guild, Antar

At the risk of spilling more gas on this fire, here are my 2 cents
on the whole code/no-code issue (yes, I changed the subject to
bypass some kill files....)

What is the purpose of code? Besides being "fun" and a hobby, CW has
a niche in amateur radio for technical reasons.

It is still true that CW is a more reliable method of communication
than phone or any other type of emission readily available to amateur
radio. I say readily, because there are some spread spectrum and
digital modulation methods with large coding gains that will beat out
CW, but I can probably count on my fingers the number of hams that
have such equipment.

CW is a reliable method of communication when the received
S/N ratio is around 0 dB. Voice just doesn't work.

WHY is this important? Because an important aspect of ham radio
is that of emergency communications. Under adverse conditions,
it is of great utility (IMHO) to have a means of communicating
(albeit inefficiently vs. phone) with minimum received signal
strength. It may be due to lack of a good antenna, poor propogation,
or any other reason, but the key here is that you can communicate with
CW under conditions where voice would be unintelligible. If all

one does is ragchew, then big deal. But, if it's an emergency,
it IS a big deal. THIS IS WHY CW (and CODE) is IMPORTANT to Ham
Radio.

There is an unwritten agreement between the band allocating
agencies and the ham radio community to give them that spectrum
in return for community good.

Code is NOT a good filter to keep "CBers" off the airwaves. There may
be a very mild correlation between good operating procedures and
code skill, but to jusify code exams based on that is a poor idea.

Having said this, I support No-Code, with a caveat. No-code
licenses should expire after some time. Renewal would require
the 5 wpm (Element 1A) test be passed. No-code licenses should
be an entry way into a hobby. If the person is enthused enough
about it, s/he will learn the code. Netland has stats about
some 65% of no-codes upgrading. If the no-code doesn't want to
spend time upgrading, then the ticket expires. THAT should be
the filter -- self generated interest in the hobby. People that
are interested tend to care about the hobby and will be good operators.

As a side note, the ARRL should consider promoting the GMRS frequencies
for those that want general purpose 2-way radio communications. Yes,
a proportion of the no-code techs just want a way of using a HT
as a walkie talkie when they go camping. GMRS is better for them
and it keeps them off the ham bands. Even if they learn code, they
are unlikely to be really good operators, because they don't care.

Ah yes, for those that just have to know, so they can form stereotypical
notions, yes, I am a code-tech for the reasons stated above. Also,
as netland says, the writtens are a joke. Passed all of them in
one fell swoop. More on that later.... Now to get code to 20......

                          -Ken

Date: Wed, 12 May 1993 16:54:05 GMT
From: munnari.oz.au!spool.mu.edu!darwin.sura.net!howland.reston.ans.net!agate!
news.ucdavis.edu!othello.ucdavis.edu!ez006683@network.UCSD.EDU
Subject: CFV to reorganize this group
To: info-hams@ucsd.edu

randall@informix.com (Randall Rhea) writes:
[Dr. Zawodny's comments deleted]
:

: I encourage a "no" vote on this proposal. I appreciate the work
: that went into it, but there are far too many new groups being
: proposed. In the end, most of the new groups will have little
: or no activity, and everyone will keep using "misc".
:
I was going to vote no as well. I guess I wasn't following the thread
closely enough though because I didn't realize we were voting on each
group individually in the CFV. This works out much better. I did vote no
on most of the groups but space, homebrew and instruction got a yes vote.
My $.02

Dan

--
* Daniel D. Todd   Packet: KC6UUD@WA6RDH.#nocal.ca.usa   *
*   Internet: DDTODD@ucdavis.edu   *
*   Snail Mail: 1750 Hanover #102   *
*   Davis CA 95616   *
--
*   I do not speak for the University of California....   *
*   and it sure as hell doesn't speak for me!!   *
--

Date: 12 May 93 22:41:46 GMT
From: amdahl!amdahl!ikluft@uunet.uu.net
Subject: CFV to reorganize this group
To: info-hams@ucsd.edu

ez006683@othello.ucdavis.edu (Daniel D. Todd) writes:
>randall@informix.com (Randall Rhea) writes:
>: I encourage a "no" vote on this proposal. I appreciate the work
>: that went into it, but there are far too many new groups being
>: proposed. In the end, most of the new groups will have little
>: or no activity, and everyone will keep using "misc".
>I was going to vote no as well. I guess I wasn't following the thread
>closely enough though because I didn't realize we were voting on each
>group individually in the CFV. This works out much better. I did vote no
>on most of the groups but space, homebrew and instruction got a yes vote.
>My $.02

That must have been easy to miss or something. (I don't know how many times
we said it.) Yes, there are actually 11 separate votes going on - one for
each proposed newsgroup.

I'd like to remind everyone that every newsgroup on the proposal got there
by people making convincing arguments that their proposed newsgroup had an
interested following. They had to convince a scrutinizing, often-skeptical
audience. Usually the only sure way to do that was to point out what the
current traffic levels are for that topic.

If you don't see the need for a specific newsgroup, you can abstain from
voting on it. Someone else did see the need and was able to convince others
of its merits.

Please reserve your "no" votes only for groups that you think have some sort
of serious problems. After all, someone else had to argue very hard to gain
the support of others to get it on the proposal. And, who knows, that person
may be supporting the newsgroups you want.

The final decision on each newsgroup is yours... just don't forget to vote.
--
Ian Kluft KD6EUI PP-ASEL   Amdahl Corporation, Open Systems Development
ikluft@uts.amdahl.com   Santa Clara, CA
[disclaimer: any opinions expressed are mine only... not those of my employer]

Date: 13 May 93 04:36:34 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 12 May
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 132, 05/12/93
10.7 FLUX=126.4 90-AVG=126   SSN=126   BKI=2333 2342 BAI=013
BGND-XRAY=B4.0   FLU1=1.2E+06 FLU10=1.2E+04 PKI=3333 3333 PAI=014
  BOU-DEV=010,025,027,024,014,036,048,018   DEV-AVG=025 NT   SWF=00:000
 XRAY-MAX= C3.2   @ 1801UT   XRAY-MIN= B3.1   @ 2032UT   XRAY-AVG= B5.8
NEUTN-MAX= +001% @ 1815UT   NEUTN-MIN= -004% @ 0705UT NEUTN-AVG= -1.0%
  PCA-MAX= +0.2DB @ 2130UT   PCA-MIN= -0.1DB @ 1955UT   PCA-AVG= +0.0DB
BOUTF-MAX=55405NT @ 2332UT   BOUTF-MIN=55360NT @ 2021UT   BOUTF-AVG=55383NT
GOES7-MAX=-9999NT@ -31080UT   GOES7-MIN=+9999NT@ 0324UT   G7-AVG=+000,+000,+000
GOES6-MAX=P:+118NT@ 1808UT   GOES6-MIN=N:-108NT@ 2351UT G6-AVG=+092,-017,-055
 FLUXFCST=STD:130,130,130;SESC:130,130,130 BAI/PAI-FCST=010,010,015/010,020,020
    KFCST=2224 4222 2224 4222 27DAY-AP=029,015   27DAY-KP=4555 2244 3533 3222
 WARNINGS=*SWF
   ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 11 MAY 93 was 48.6.
      The Full Kp Indices for 11 MAY 93 are: 2+ 3- 2o 2-   2o 2- 2+ 2+

Date: 12 May 1993 12:00:21 -0700
From: swrinde!sdd.hp.com!nobody@network.UCSD.EDU
Subject: Get a Ham Radio License - Study Books for SALE:
To: info-hams@ucsd.edu

In article <1993May12.030044.170466@zeus.calpoly.edu>
trasmuss@hertz.elee.calpoly.edu (Thor Rasmussen) writes:
>Here is a great opportunity to get a ham radio license.
>
>The Cal Poly Amateur Radio Club has approximately 25 new and unused copies of
>the ham radio study book "Now You're Talking". Store prices for this book range
>from $17.00 to $19.00.
>
>We have significantly reduced the price of these to $7.00 a copy. (plus $2.50
>for postage and envelope coverage)

This book was very helpful to me and my wife when we were studying. It
provided good explanations of the throry and rules we needed to know
and it had the question pool with answers. So we were able to study
the material and test ourselves with the actual questions we were pre-
paring to face.

However, prospective hams should be aware that the question pools are
changing soon. I believe it is in July. Unless the books that are
for sale have the *new* questions, they will lose some of their utility
in a couple of months.

As always, caveat emptor.
--
Craig Bosworth (619) 592-8609
Hewlett-Packard, San Diego Division
craigb@sdd.hp.com

Date: 13 May 93 00:39:02 GMT
From: ogicse!emory!kd4nc!n4tii@network.UCSD.EDU
Subject: HR2600 comments and mods
To: info-hams@ucsd.edu

Howdy...

I just recently purchased an HR2600 10 mtr rig. I was wondering are there
any good enhancements and mods to the rig....including but not limited to
freq. expansion mods.... I plan on buying a CHIPSWITCH for the rig in the
near future...I have a friend with a 2510 who has the chipswitch and I like
what it did for his radio.

Anyway, I'm looking for mods and hints on how to adjust frequency, ie: align
actual freq. with what's on the dial...it's about .2 high in freq. Also,
I'd like some information on the internal pots, their settings, etc.

Thanks for the bandwidth and information...it looks like a nice rig. If only
I can pull 12 meters out of it as well. (Of course, I'll get CB in return,
that's a big 10-4 ;^)   )

Thanks once again...

Send replies to my email account:

n4tii%kd4nc.uucp@gatech.edu

John Reed
N4TII - AFA2FH - REDSTAR 207
 ham   mars   cap

Date: 12 May 93 14:46:42 EST
From: titan.ksc.nasa.gov!k4dii.ksc.nasa.gov!user@ames.arpa
Subject: Kenwood AT-50 Fuse
To: info-hams@ucsd.edu

The Kenwood AT-50 seems to have quite a wide matching range. The
specifications state it can match an antenna with up to a 3:1 SWR, but it
seems to do much better.

I was playing around with a Hustler 10 meter resonator + mast, and found
that the AT-50 would appear to match it on several other bands. I forget
which band I was on, it might have been 20 meters, where the AT-50
indicated a match. I then applied full power, and the AT-50's lights went
out!

It turns out that there is a small fuse inside the AT-50, in series with
the 12 volt line. As far as I can tell, a high RF level inside the tuner
caused the over-voltage protection circuit to trigger, which blew the fuse.
 It hadn't blown during the tune-up cycle, since only a low power level was
used. I'm sure there was no excessive voltage, since it was using the car
battery, and the engine wasn't running. I used the spare fuse that came
with the AT-50, and there has been no further problem.

The fuse is rated at 4 amperes, and appears to be a standard 20 mm size.
Markings on the original fuse include the letters, "NSF" and "FBU". Radio
Shack has two 4 amp, 20 mm fuses: fast blow and slow blow. I couldn't find
any information with either the AT-50 or the TS-50, to determine which

style was best. Does anyone know for sure, which style would be correct?

73, Fred, K4DII

fred-mckenzie@ksc.nasa.gov

Date: Wed, 12 May 1993 22:26:45 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
zaphod.mps.ohio-state.edu!sol.ctr.columbia.edu!news.kei.com!news.oc.com!
gumaer@network.UCSD.EDU
Subject: Kits and more Kits (info wanted!!)
To: info-hams@ucsd.edu

The Mad god! (tarjan@iastate.edu) wrote:
> Ok.. I think it would be interesting to build my own tranceiver..

> but I dont know ANY manufaturers of kits or anything like that..
> SO..

> could you give me some names of Kit manufaturers (and numbers)
> And if you have delt with them your experiences..

> Scot Kight
> tarjan@iastate.edu

> Email or Net..
> (net is probably better since other people will want this info..)
> --
> -----BEGIN PGP PUBLIC KEY BLOCK-----
> Version: 2.1

> mQCNAiuSvfsAAAEEANedvpkX74z4wwGW9flMl0bhLHL6UNbO8mpH0qlUIxaKsfYt

Just don't buy Ramsey!   You'll find parts missing an it will be a pain
in the neck.e
--

Mark Gumaer (KA5YUV) | Vice-President-Elect Radio East Texas State University
gumaer@merlin.etsu.edu| Editor Radio E.T.S.U. Newsletter
                      |Phone (903) 886-2084 (on weekdays)
                      | (903) 356-2253 (on weekends)
                      |FAX   (903) 886-2084
                      |Ham Radio 146.78 or 147.02 Mhz

AKA: Don Begal in Duelmasters, Jurine DM61

Goomar in Adventures Guild, Antar

Date: 13 May 93 00:37:56 GMT
From: ogicse!uwm.edu!ux1.cso.uiuc.edu!sdd.hp.com!portal!cup.portal.com!
jkesling@network.UCSD.EDU
Subject: Looking for simple synthesizer design
To: info-hams@ucsd.edu

I recently acquired three VHF Marine tranceivers for free. It seems
everyone around here is upgrading from these older crystal controlled rigs
to the newer synthesized ones. One of them my dad found in the dumpster.

My first thought was to get a few crystals and retune them from 156MHZ
down to 2 Meters for packet. Around here it seems like sysops change
frequencies more often than underwear and the thought of spending $20-30
for a pair of crystals that might only be good for a few weeks is not
appealing. So my next thought was how about a simple synthesizer.

So, does anyone out there have or know where I can find a simple synthesizer
design suitable for such a project?
My thought is use the synthesizer to generate the crystal frequency needed
and feed it through the existing multiplier chain. Diode or jumper frequency
selection would be fine.

I understand that Motorola has a line of synthesizer chips but I don't have
any information on them.

73 - John, WA8ZGO

Date: 13 May 93 00:19:15 GMT
From: ogicse!emory!europa.eng.gtefsd.com!howland.reston.ans.net!torn!csd.unb.ca!
unbham@network.UCSD.EDU
Subject: Need help on propagation
To: info-hams@ucsd.edu

Could someone please email me propagation conditions observed between
Eastern USA/Canada and Europe.   I have a sked between Fredericton NB
(Canada) and Maastrict Holland on the last saturday of the month (I said
11am UTC on 14.250, should I have said something else?)

Please email this to unbham@jupiter.sun.csd.unb.ca as I am calling
long-distance to get my mail.

Thanks for your help
Derek Billingsley
(BTW All I am after is how well conversations are taking place
between these areas)

Date: Thu, 13 May 1993 00:19:15 GMT
From: elroy.jpl.nasa.gov!usc!howland.reston.ans.net!torn!csd.unb.ca!
unbham@ames.arpa
Subject: Need help on propagation
To: info-hams@ucsd.edu

Could someone please email me propagation conditions observed between
Eastern USA/Canada and Europe.   I have a sked between Fredericton NB
(Canada) and Maastrict Holland on the last saturday of the month (I said
11am UTC on 14.250, should I have said something else?)

Please email this to unbham@jupiter.sun.csd.unb.ca as I am calling
long-distance to get my mail.

Thanks for your help
Derek Billingsley
(BTW All I am after is how well conversations are taking place
between these areas)

Date: Wed, 12 May 1993 23:42:08 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!
ux1.cso.uiuc.edu!news.cso.uiuc.edu!ux4.cso.uiuc.edu!apeters2@network.UCSD.EDU
Subject: question about Radio Shack 2-MTR HT
To: info-hams@ucsd.edu

ginsburg@wellfleet.COM (Scott Ginsburg) writes:

>I recently purchased a Radio Shack HTX-202 HT and last night discovered
>that the receiver is swamped with noise from both my NCD X Terminal monitor
>and my IBM XT monitor to the point that I'm not sure I could use it on
>packet with my current computer equipment. Has anyone else with an HTX-202
>experienced similar problems, and if so have the problems been solved?

I have owned one for about a year or so and I have noticed that
it gets swamped from CD players...I just make sure that I am about
twenty feet from the CD player when I operate...:-)

n9oni

avram peters

Date: 12 May 93 13:44:09 CDT
From: timbuk.cray.com!hemlock.cray.com!cherry10!dadams@uunet.uu.net
Subject: Still 8 weeks for license
To: info-hams@ucsd.edu

In article 26183@kpc.com, sleat@umbriel.kpc.com (Michael Sleator) writes:
|In article <PARTOS.93May10143338@larry.larc.nasa.gov>, partos@larry.larc.nasa.gov
(Dick Partos) writes:
||> Sad to say I'm still waiting after 9+ weeks. I called the FCC only to
|
|
|Another data point: Tested Mar 20; Issued May 4; Received May 10.
|(Seven weeks and two days to have it in hand.)
|
|
|Michael Sleator (KD6VBQ)   Voice: 408-748-6339
|Kubota Pacific Computer   FAX: 408-748-6301
|2630 Walsh Ave.   internet: sleat@kpc.com
|Santa Clara, CA 95051   uucp: ...!uunet!kpc!sleat
|

Well, I'm jealous! And hopeful, since I passed on Mar 20 as well!

--David C. Adams Statistician Cray Research Inc. dadams@cray.com

  Old cowboys never die. They just smell that way!

Date: Wed, 12 May 93 15:20:36 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!
darwin.sura.net!bogus.sura.net!news-feed-1.peachnet.edu!umn.edu!csus.edu!
netcom.com!netcomsv!bongo!skyld!jangus@network
Subject: vibroplex parts....
To: info-hams@ucsd.edu

In article <C6w0up.6vL@srgenprp.sr.hp.com> alanb@sr.hp.com writes:

  >   The Vibroplex Co.
  >   POB 7230 / 476 Fore St.
  >   Portland, ME 04112
  >

```
  >         (207) 775-7710

   Might want to check this address before you mail off a check. I called
   the 1 (800) 262-8387 number (yesterday) and got the address as:

          98 Elm St, Portland ME 04101

J. Angus: jangus@skyld.tele.com -- "Als ik Kan", Gustav Stickley
US Mail:  PO Box  4425  Carson, CA  90749-4425  1 (310) 324-6080


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Date: 13 May 1993 00:16:45 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
zaphod.mps.ohio-state.edu!sdd.hp.com!hpscit.sc.hp.com!spikes@network.UCSD.EDU
Subject: Zed in callsign: what is it, where come from?
To: info-hams@ucsd.edu

I always thought 'zed' was short for zucchini. As in,"I think I'll go
out back and pick a big ol ZED for salad tonite".

Wrong, huh?

Bill

WB6RottenZucchiniGarden


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Date: Wed, 12 May 1993 15:50:26 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
zaphod.mps.ohio-state.edu!caen!uvaarpa!murdoch!livia.acs.Virginia.EDU!
jeg7e@network.UCSD.EDU
To: info-hams@ucsd.edu

References <1993May3.231508.11446@nntpd2.cxo.dec.com>, <2288@indep1.UUCP>,
<1sr28j$fid@tamsun.tamu.edu>doch
Subject : Re: Need for foul language?

In article <1sr28j$fid@tamsun.tamu.edu> kurt@cs.tamu.edu (Kurt Freiberger) writes:
>
>Concerning the "foul language" debate:
>
>I have written a program that will filter out all possible words that may
>be Politically Incorrect or offend anyone's sensibilities or wordaphobae(tm).
>Here is the output of a processed message addressing the problems of No-code,
>repeater coordination, spectrum allocation, long FCC response, et al:
>
```

```
>---------------- Beginning of message ------------------------------
>The                                        a                          of
>              in                               the              for
>      if                         like                       well
>        the                   a                   for
>          in                                because
>        of                             to
>
>73,
>Kurt
>------------- End of message --------------------------------------
>
>Are there any more words which will offend people's sensitivities?

Fools, you're all fools.
--

These opinions may not be unique, and they may not express the views of U.Va.

    _____
    | Jon Gefaell, Computer Systems Engineer \      /___ | SILENCE = DEATH
    | Security and Technology Planning R&D    \    /   / |  Hate is *NOT*
    | I.T.C. Administrative Computing Services \  /   /  | a Family Value!
    | The University, UVA. Carruthers Hall      \/\  /   | --------------
    ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~\/~~~~~  73 de KD4CQY


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End of Info-Hams Digest V93 #575
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